GTTA	AACC	CAC .	ACTAT			 		CTG .			50
			CCT Pro 15	 	 	 Ile					98
			AAA Lys	 	 	 			Asp		146
			TCT Ser		 Trp						179

FIGURE 1

GTCTAAAACA AAATACAA	CA TTTCTTAAAT ACACT	GTTTC CAGAAAGAGC TATTTTAACA	60
GAAGCAACTC AAAGATAT	CC CTTCGACAGA AGTGG	SAAGTG CTGAAAAATG CTCATCTCTC	120
ACACAGACTT TTGATGGA	CA GGAGTTTCTA AGTAT	CCATGC CTACCAACAA GCTGTAAA	178
	Asn Gln Asp Gln Pr	CT GTC CCT TTT AAC AGC TCA TO Val Pro Phe Asn Ser Ser 10 15	226
		TT GTC TTC TAT AGC TGT ATC eu Val Phe Tyr Ser Cys Ile 30	274
		CT GCA TTA TGG GTT TTC AGT or Ala Leu Trp Val Phe Ser 45	322
		CC ATC TAT ATG ATG AAT GTG or Ile Tyr Met Met Asn Val 60	370
		CT TTA CCC TTT CGA ATG TTT or Leu Pro Phe Arg Met Phe 75 80	418
	Ala Trp Pro Phe Gl	GA GAG TAC TTC TGC CAG ATT ly Glu Tyr Phe Cys Gln Ile 90 95	466
		GC ATT GCT TTA TGG CTT CTT er Ile Ala Leu Trp Leu Leu 110	514
		CC ATT GTA CAG CCG AAG TAC la Ile Val Gln Pro Lys Tyr 125	562
		CC GTG CTG GCG TGT GTG GGA la Val Leu Ala Cys Val Gly 140	610
		CC CCT CTG CTA CTG CTC TAT hr Pro Leu Leu Leu Tyr 155 160	658
	Asp Ser Thr Pro A	CC ACC TGC CTC AAG ATT TCT la Thr Cys Leu Lys Ile Ser 70 175	706

GAC ATC ATC TAT CTA AAA GCT GTG AAC GTG CTG AAC CTC ACT CGA CTG Asp Ile Ile Tyr Leu Lys Ala Val Asn Val Leu Asn Leu Thr Arg Leu 180 185 190	754
ACA TTT TTT TTC TTG ATT CCT TTG TTC ATC ATG ATT GGG TGC TAC TTG Thr Phe Phe Leu Ile Pro Leu Phe Ile Met Ile Gly Cys Tyr Leu 195 200 205	802
GTC ATT ATT CAT AAT CTC CTT CAC GGC AGG ACG TCT AAG CTG AAA CCC Val Ile Ile His Asn Leu Leu His Gly Arg Thr Ser Lys Leu Lys Pro 210 215 220	850
AAA GTC AAG GAG AAG TCC ATA AGG ATC ATC ATC ACG CTG CTG GTG CAG Lys Val Lys Glu Lys Ser Ile Arg Ile Ile Ile Thr Leu Leu Val Gln 225 230 235 240	898
GTG CTC GTC TGC TTT ATG CCC TTC CAC ATC TGT TTC GCT TTC CTG ATG Val Leu Val Cys Phe Met Pro Phe His Ile Cys Phe Ala Phe Leu Met 245 250 255	946
CTG GGA ACG GGG GAG AAC AGT TAC AAT CCC TGG GGA GCC TTT ACC ACC Leu Gly Thr Gly Glu Asn Ser Tyr Asn Pro Trp Gly Ala Phe Thr Thr 260 265 270	994
TTC CTC ATG AAC CTC AGC ACG TGT CTG GAT GTG ATT CTC TAC TAC ATC Phe Leu Met Asn Leu Ser Thr Cys Leu Asp Val Ile Leu Tyr Tyr Ile 275 280 285	1042
GTT TCA AAA CAA TTT CAG GCT CGA GTC ATT AGT GTC ATG CTA TAC CGT Val Ser Lys Gln Phe Gln Ala Arg Val Ile Ser Val Met Leu Tyr Arg 290 295 300	1090
AAT TAC CTT CGA AGC ATG CGC AGA AAA AGT TTC CGA TCT GGT AGT CTA Asn Tyr Leu Arg Ser Met Arg Arg Lys Ser Phe Arg Ser Gly Ser Leu 305 310 320	1138
CGG TCA CTA AGC AAT ATA AAC AGT GAA ATG TTA TGAATAATAA GGTTCTTTCA Arg Ser Leu Ser Asn Ile Asn Ser Glu Met Leu 325 330	1191
TTTCAATCCC ATCAAAATTC ACTTCACTAA CTACTCTGGC GTCAATGGAT ATTCTGTATA	1251
ATACTATCAA GTCCCTTTTC TCTTGAAAAA ATAAATTCAT TATCTTCATT TTAAAAACTT	1311
AAA	1314

ATTC	GGCI	AT	CTCAC	CTATA	AG GC	GCTCC	GAGCO	G GC	3CCC	GGGC	AGG	TCAA	GAC :	rgct(CCTCTC	:	60
TGCC	CGACT	AC .	AACAC	TTAE	G A								CAG :			J	111
			TAT Tyr													1	159
			CTG Leu													2	207
			CCT Pro 45													2	255
			ATG Met											_			303
			GAT Asp									Ala				·	351
			ACT Thr											_		3	399
			AAA Lys													4	447
			TCT Ser 125										_			4	495
			GTA Val								_	_	Gly			!	543
			ATC									Ile				!	591

FIGURE 3A

ATA CCC CAG CTG Ile Pro Gln Leu 170				
CCC ATT TTC CCC Pro Ile Phe Pro			Lys Ala Leu	
ATG CTA GAG ATC Met Leu Glu Ile 205				
GTG TGC TAC TTT Val Cys Tyr Phe 220	Ile Thr Ala A			_
AAA ATA TCT CGA Lys Ile Ser Arg 235				
ATT GTC ACT CAA Ile Val Thr Gln 250				
GAC ATC ATC TAC Asp Ile Ile Tyr			Met Ser Lys .	
GAC ATC GCC ATC Asp Ile Ala Ile 285			_	
CTC AAC CCA ATC Leu Asn Pro Ile 300	Leu Tyr Val P			
GTT ATG AAA GTG Val Met Lys Val 315				
AGT GTG GAG GAG Ser Val Glu Glu 330				
AGT ACT TTT AGC Ser Thr Phe Ser		A ACTGCTCTGC C	TTTTGCTTG GAT	ACATATG 1174
AATGATGCTT TCCCC	CTCAAA TAAAACA	TCT GCATTATTCT	GAAACTCAAA T	CTCAGACGC 1234
CGTGGTTGCA ACTT	ATAATA AAGAATG	GGT TGGGGGAAGG	GGGAGAAATA A	AAGCCAAGA 1294
AGAAGAAACA AGATA	AATAAA TGTACAA	AAC ATGAAAATTA	AAATGAACAA T	ATAGGAAAA 1354

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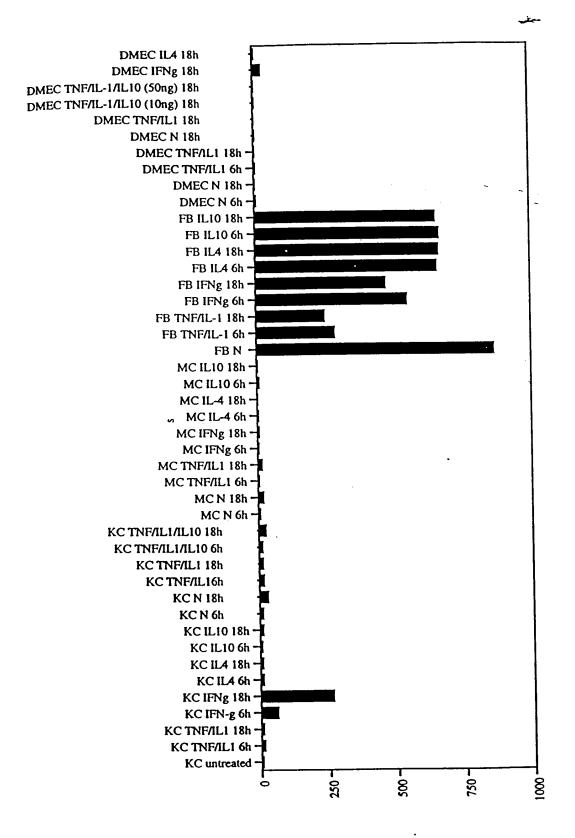
TAATTGTA	AC AGGCATAAG	GT GAATAACAG	CT CTGCTGTA	AC GAAGAAAA	CT TTGTGGTGAT	141
AATTTTGTAT	CTTGGTTGCA	GTGGTGCTTA	TACCAATCTA	CACCAGTGAT	AAAATGACCC	1474
AGAACTATTT	CCCCCTTGT	TCCCATTTCA	ATTTCCTGGT	TTTGACATTA	TAGTATAATT	1534
ATGTTAGATG	GAACC					1549

FIGURE 3C

GATGCATGCT CGAGCGGCCG CCAGTGTGAT GGATATCTGC AGAATTCGGC TTACTCACTA	60
TAGGGCTCGA GCGGCCGCCC GGGCAGGTCC CTCCAACAAG ACGCAGCACA GAGACACCAC	120
CTACCTAACA CAGGCGACTC TGAGCACTCT CTCTCTGGGA CTGGGCAGAG CGGCAAACGG	180
TCACCTCTCA GACAGCCTTT GACAGACAGG AGGTTCTACA TACCATGGGA GCCAGCCTGC	240
TGTAAGATGG CCACCCTGAG CAATCACAAC CAGCTTGATC TTTCTAATGG CTCACACCCA	300
GAGGAATACA AAATCGCAGC CCTAGTCTTC TACAGCTGCA TCTTCCTGAT TGGGCTGTTT	360
GTTAATGTCA CTGCGTTGTG GGTTTTCAGC TGTACGACCA AGAAAAGAAC ACAGTGACCA	420
TCTACATG ATG AAC GTT GCA CTA CTG GAC CTC GTA TTT ATA CTC AGT CTG Met Asn Val Ala Leu Leu Asp Leu Val Phe Ile Leu Ser Leu 1 5 10	470
CCC TTT CGG ATG TTT TAC TAT GCA AAA GGC GAG TGG CCA TTT GGA GAG Pro Phe Arg Met Phe Tyr Tyr Ala Lys Gly Glu Trp Pro Phe Gly Glu 15	518
TAC TTC TGC CAC ATT CTT GGG GCC CTG GTG GTG TTT TAC CCA AGC CTC Tyr Phe Cys His Ile Leu Gly Ala Leu Val Val Phe Tyr Pro Ser Leu 35 40 45	566
GCT CTG TGG CTT CTT GCT TTC ATT AGT GCT GAC AGA TAC ATG GCC ATC Ala Leu Trp Leu Leu Ala Phe Ile Ser Ala Asp Arg Tyr Met Ala Ile 50 55 60	614
GTA CAG CCA AAA TAT GCC AAG GAG CTG AAG AAC ACC GGC AAG GCC GTG Val Gln Pro Lys Tyr Ala Lys Glu Leu Lys Asn Thr Gly Lys Ala Val 65 70 75	662
CTT GCG TGT GGG GGG GTC TGG GTA ATG ACC CTG ACC ACC ACT GTC CCC Leu Ala Cys Gly Gly Val Trp Val Met Thr Leu Thr Thr Thr Val Pro 80 90	710
CTG CTA CTG CTC TAC GAA GAC CCA GAC AAT GCC TCC TCC CCG GCC ACC Leu Leu Leu Leu Tyr Glu Asp Pro Asp Asn Ala Ser Ser Pro Ala Thr 95	758
TGC CTG AAG ATC TCC GAC ATC ACC CAC TTA AAA GCT GTC AAC GTG CTC Cys Leu Lys Ile Ser Asp Ile Thr His Leu Lys Ala Val Asn Val Leu 115 120 125	806
AAC TTC ACG CGA CTC ATA TTT TTC TTC CTG ATC CCT TTG TTC ATC ATG Asn Phe Thr Arg Leu Ile Phe Phe Phe Leu Ile Pro Leu Phe Ile Met 130	854

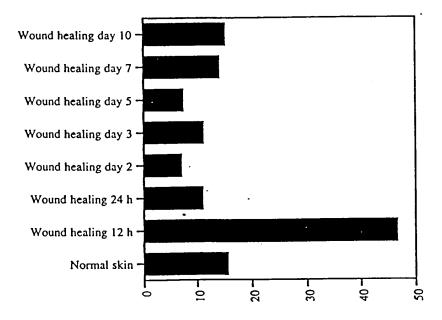
ATC GGG TGC TAC GTG GTC ATC ATT CAC AGT CTC CTC CGA GGG CAG ACG													
Ile Gly Cys Tyr Val Val Ile Ile His Ser Leu Leu Arg Gly Gln Thr 145 150 155													
TCT AAG CTG AAG CCC AAG GTC AAG GAG AAG TCC ATA CGG ATC ATC ATG Ser Lys Leu Lys Pro Lys Val Lys Glu Lys Ser Ile Arg Ile Ile Met 160 165 170	950												
ACC CTC CTG CTG CAG GTG CTC GTC TGC TTC GTG CCC TTC CAC ATC TGC Thr Leu Leu Leu Gln Val Leu Val Cys Phe Val Pro Phe His Ile Cys 175 180 185 190	998												
TTT GCC GTC CTG ATG CTA CAA GGA CAG GAG AAC AGC TAT AGC CCC TGG Phe Ala Val Leu Met Leu Gln Gly Gln Glu Asn Ser Tyr Ser Pro Trp 195 200 205	1046												
GGA GCC TTC ACC ACC TTC CTC ATG AAC CTC AGC ACC TGT CTC GAT GTA Gly Ala Phe Thr Thr Phe Leu Met Asn Leu Ser Thr Cys Leu Asp Val 210 215 220	1094												
GTC CTC TAC TAC ATC GTT TCC AAA CAG TTC CAG GCT CGA GTC ATC AGC Val Leu Tyr Tyr Ile Val Ser Lys Gln Phe Gln Ala Arg Val Ile Ser 225 230 235	1142												
GTC ATG CTG TAC CGC AAT TAC CTT CGC AGT GTT CGC AGA AAA AGT GTC Val Met Leu Tyr Arg Asn Tyr Leu Arg Ser Val Arg Arg Lys Ser Val 240 245 250	1190												
CGA TCG GGC AGT TTA CGG TCA CTT AGC AAC ATG AAC AGT GAG ATG CTT AGG Ser Gly Ser Leu Arg Ser Leu Ser Asn Met Asn Ser Glu Met Leu 255 260 270	1238												
TGAGTCAGAG CAAGCTGCCA GTCTTCAGTC TCTTT	1273												

									er Pi					rc Ac ne Th		46
														TAC Tyr 30		94
														CTG Leu		142
														GGC Gly		190
	CGG Arg 65											TGA	GTCA(GAG		236
CAA	GCTG	CCA C	TCT	rcag:	rc T	CTTT	AAAA	r TC	TTTT	CCTA	TCT	ACTT:	rcg (GGTG	AACCAG	296
CAT	TCTA	CAC 1	ratco	CAGTO	CC C	TTCT	CTAA	C AAA	AGAG	TAAA	AATA	AATG	ATG A	AACT	AAAATI	356
ACT	TCTG	CGG 1	TATTO	CTGT	T A	TTCT	AGCC	A CA	rgat'	TAAA	AAC	Г				400



hBLR-X [fg/50ng cDNA]

Fig 6



BLRX [fg/25 ng cDNA]

Fig. 7